

10.0 List of Preparers

10.1 California High-Speed Rail Authority

Project Role	Name, Registration	Years Experience, Qualifications
Acting Chief Executive Officer / Chief Counsel	Thomas Fellenz, P.E.	32 years of experience. J.D., McGeorge School of Law, University of the Pacific; B.S., Civil Engineering, University of California, Davis
Former Chief Executive Officer	Roelof van Ark	30 years of experience. B.SC. (Elec. Eng) M.B.A., University of the Witwatersrand
Area Program Manager	Jeff Abercrombie, P.E.	26 years of experience. B.S., Civil Engineering, Santa Clara University; Project Management Certificate, California State University, Sacramento
Senior Environmental Planner, Natural Science/Biology	Lupe V. Jiménez	20 years of experience. B.A., Environmental Studies/Minor Biology, California State University of Sacramento
Senior Environmental Planner, Cultural Resources	Sarah Allred	21 years of experience. B.A., Anthropology, California State University, Sacramento

10.2 List of Consultants

Project Role	Name, Registration	Years Experience, Qualifications
PROGRAM MANAGERS		
Planning Manager	Nicholas Brand	31 years of experience. A.B. English Literature, Dartmouth College; Masters of Regional Planning, University of Massachusetts, Amherst
Construction Scenarios	Claudio Dallavalle, P.E., CMAA	37 years of experience. B.S.C.E., California Polytechnic University; M.B.E., University of California, Irvine
Travel Modeling Documentation	Rick Donnelly, A.I.C.P.	26 years of experience. Ph.D., D. Engineering, Civil Engineering, University of Melbourne
Assistant Environmental Coordinator	Melissa Foreman	7 years of experience. B.A., Economics, Southern Methodist University; M.S., GIS, University of Texas at Dallas
Deputy Program Director, Engineering	Ken Jong, Ca P.E.	27 years of experience. B.S., Civil Engineering, California State University Sacramento

Project Role	Name, Registration	Years Experience, Qualifications
Noise and Vibration	Kevin Keller, A.I.C.P.	14 years of experience. B.A., Geography, California State University, Fullerton
Environmental Manager	Rebecca Kohlstrand, A.I.C.P.	35 years of experience. M.S., Transportation Engineering and M.C.P., City Planning, University of California, Berkeley; B.S., Resource Recreation Management, School of Forestry, Oregon State University.
Former Environmental Manager	Ann L. Koby, A.I.C.P.	32 years of experience. B.B.A., Lamar University
Air Quality	Alice Lovegrove	22 years of experience. M.S., Environmental and Waste Management, SUNY Stony Brook
Railroad Operations and Maintenance	Paul Mosier	36 years of experience in rail operations, planning and maintenance. B.A., Philosophy, Fordham University.
Supervising Architect	Gary Newgard, Registered Architect, State of California, National Council of Registration Boards	35 years of experience. B.A., Architecture, University of California Berkeley
Document Review, Quality Control/Quality Assurance	Lisa G. Nungesser, Ph.D.	33 years of experience. B.A. Plan II, University of Texas; M.S., Environmental Management, University of Texas at San Antonio; Ph.D., Community and Regional Planning and Geography, University of Texas
Deputy Program Director	John Popoff, P. Eng.	35 years of experience. Engineering, University of British Columbia
Environmental Corridor Manager	Bryan Porter, A.I.C.P.	32 years of experience. M.A., Public Administration, California State University, Sacramento
Air Quality	Joel Soden	40 years of experience. M.S., Urban Affairs, Hunter College; M., Civil Engineering, City College of New York; B.S., Chemical Engineering, City College of New York
Air Quality	Edward Tadross	13 years of experience. B.A., Environmental Studies, Tulane University New Orleans; B.A., Earth Sciences, Tulane University New Orleans
Regional Manager	Peter Valentine, B.Sc.	40 years of experience. Design, construction, construction management, project management of light rail, heavy rail and high speed rail projects in the USA and UK.
Travel Modeling Documentation	Christi Willison	13 years of experience. M.S., Applied Mathematics, University of New Mexico

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Noise and Vibration	Steven Wolf	35 years of experience. B.S., Mathematics, Long Island University
Travel Modeling Documentation	Michalis Xyntarakis	8 years of experience. M.S., Civil Engineering, University of Texas
Environmental Planner	Karl Fielding	4 years of experience. B.A., Environmental Studies, University of Southern California
Senior Technical Specialist	Mark A. McLoughlin	28 years of experience. B.S., Ornamental Horticulture, Landscape Construction, California Polytechnic State University, San Luis Obispo
Technical Director	Antero (Terry) Rivasplata	33 years of experience. B.S., Environmental Planning and Management, University of California, Davis
REGIONAL CONSULTANT ENVIRONMENTAL TEAM		
Project Manager	Richard Wenzel	35 years of experience. M.S., Civil Engineering, Stanford University; B.S., Civil Engineering, Dartmouth College; M.S., Computers, Cambridge University
Environmental Project Manager – Alternatives Analysis	Jodi Ketelsen, A.I.C.P.	19 years of experience. M.C.P., Urban and Regional Planning, University of California, Berkeley; M.L.A., Landscape Architecture, University of California, Berkeley; B.S.L.A., Landscape Architecture, University of California, Davis
Environmental Project Manager - EIR/EIS Lead	Karin Lilienbecker	18 years of experience. M.S., Biology, University of San Francisco; B.S., Environmental Science, University of San Francisco
Alternatives Analysis Lead and Senior Oversight, Cost and Cumulative Analysis	Don Ulrich, Lifetime Certified Value Specialist	35 years of experience. M.S., Urban and Regional Planning, University of Oregon; B.S., Economics, University of Oregon
Project Definition, Alternatives Analysis – Preliminary Phase	Kenneth Sislak	34 years of experience. M.B.A., Finance, Case-Western Reservation University; B.A., Economics, John Carrol University
Project Definition and Alternatives Analysis – Supplemental Phase	Farid Nobari, P.E.	24 years of experience. M.S., Civil Engineering (Structural), University of California, Davis; B.S., Civil Engineering (Structural and Geotechnical), University of Wisconsin
Biological Resource Manager	Jeff Tupen, Certified Fisheries Professional	25 years of experience. B.S., Environmental and Systematic Biology, California Polytechnic State University
Land Use and Community Resource Manager	Robert Rodland, A.I.C.P.	10 years of experience. B.A., Geography, University of Washington

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Agricultural Lands	Kathy Rose, Ph.D., Certified Professional Soil Scientist	18 years of experience. Ph.D., Soil and Water Sciences, University of California, Riverside; M.S., Soil Science, University of California, Riverside; B.S., Soil Science, California State Polytechnic University, Pomona, California
Agricultural Lands	Catherine Lambert, M.C.R.P.	6 years of experience. M.C.R.P. (Master of City and Regional Planning), Environmental Planning Emphasis, California Polytechnic State University, San Luis Obispo; B.A., Physical Geography; Certificate in Resource Planning, California State University, Sacramento
Agricultural Lands	Matt Franck	22 years of experience. B.S., Environmental Policy Analysis and Planning, University of California, Davis
Air Quality and Global Climate Change	Andrea White	7 years of experience. B.S., Chemical Engineering, University of California, Davis
Air Quality and Global Climate Change	Mark Bennett, Ph.D.	21 years of experience. Ph.D., Chemical Engineering, Massachusetts Institute of Technology; B.S.E., Bioengineering, University of Pennsylvania
Alternatives Analysis Growth Analysis	Colleen Roberts, A.I.C.P.	12 years of experience. B.A., Art History, Yale University
Alternatives Development	Raymond Mok, P.E.	13 years of design experience. B.S., Civil Engineering, University of Washington
Alternatives Development	Carlos Sala	5 years of experience. B.S., Civil Engineering, Colorado State University
Alternatives	Teresa Darzins, CPSM	4 years of experience. B.A., Marketing, Southeastern Louisiana University
Biological Resources - Botanical	Deborah Waller	16 years of experience. B.S., Conservation of Resources, University of California, Berkeley
Biological Resources - Fisheries/Aquatic Hydrology and Water Resources – Water Crossings	David Fornander, Ph.D., Certified Fisheries Professional (pending)	16 years of experience. Ph.D., Geography, University of Arizona; M.A., Biology, Boise State University; B.S., Biology, Washington State University
Biological Resources - Fisheries/Aquatic	Neil Nikirk	15 years of experience. M.S., Fisheries, University of Washington; B.S., Fisheries Science, Oregon State University

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Biological Resources - Habitat	Michael Clary	16 years of experience. B.S., Biology and Zoology, California State University, Humboldt
Biological Resources - Wetlands	Russ Huddleston, P.W.S.	11 years of experience. M.S., Ecology, University of California, Davis; B.S., Biology, Southern Oregon University
Biological Resources - Wetlands	Gretchen Herron	15 years of experience. M.S., Disturbed Land Restoration, Montana State University; B.S., Environmental Science, Allegheny College
Biological Resources	Thomas Juhasz	7 years of experience. M.S., Environmental Sciences and Policy, University of Manchester; B.A., Biology Landscape Architecture, USC
Biological Resources	Michael Benner	35 years of experience. B.A Biological Sciences California State University at Fullerton; MS Environmental Sciences California State University at Fullerton
Biological Resources	Erik Larsen	12 years of experience. D.ENV, Biology environmental science and engineering, UCLA; M.S., Biology CSULB; B.S. Biology Westmont College
Biological Resources	Vick Germany, A.I.C.P	23 years of experience. M.A., Resource Management and Environmental Planning, San Francisco State University; B.A. Biology, Ecology and Systematics, San Francisco State University
Biological Resources	Anne Hoagland	3 years of experience. B.A., Political Science, University of California Davis
Biological Resources	Leo Edson	20 years of experience. B.S, Biology, California State University, Chico
Biological Resources	Sarah Bennett	6 years of experience. M.S., Soils and Biogeochemistry, UC Davis; B.S., Botany and Plant Pathology Michigan State
Biological Resources	David Bise	14 years of experience. M.S., Wildlife Management, UC Berkeley; B.S., Zoology, UC Davis
Biological Resources	Ellen Tatum Pimentel	8 years of experience. M.A., Biology, California State University, Humboldt; B.S., Environmental Science, California State University, Humboldt.

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Biological Resources	Kelly Fitzgerald-Holland	16 years of experience. M.S., Environmental Science, Washington State University
Biological Resources	Richard Hunn	33 years of experience. M.S. Natural Resources Planning, California State University, Humboldt; B.S. Conservation of Natural Resources, UC Berkeley
Cultural Resources	Alan Tabachnick	23 years of experience. M.S., Historic Preservation Planning, Columbia University; B.A., Anthropology, University of Pennsylvania
Cultural Resources– Archaeology	John Lawrence, Register of Professional Archaeologist	25 years of experience. M.A., Anthropology, University of Pennsylvania
Cultural Resources– Historic Architecture	Vanessa Zeoli	7 years of experience. M.H.P., Historic Preservation, University of Kentucky; Certificate, Historic Preservation, Bucks Community College; B.A., History, Millersville University of Pennsylvania
Electromagnetic Fields/Interference	Robert Pearson, Ph.D., P.E.	41 years of experience. Ph.D., Remote Sensing of Natural Resources, Colorado State University; M.S., Remote Sensing of Natural Resources, Colorado State University; Professional Geophysical Engineer, Colorado School of Mines
Electromagnetic Fields/Interference	Sheila Rygwelski, P.E.	4 years of experience. B.S., Environmental Engineering, Oregon State University
Geology and Soils	Donald Anderson, Ph.D., P.E.	42 years of experience. Ph.D., Civil Engineering, University of Michigan; M.S., Civil Engineering, Oregon State University; B.S., Civil Engineering, Oregon State University
Geology and Soils	Jenny Krenz	8 years of experience. M.S., Soil Science, Purdue University; B.S., Natural Resources Management, University of Wisconsin-Stevens Point
Geology and Soils	Sandra McGinnis, Licensed Engineering Geologist	14 years of experience. B.S., Environmental and Engineering Geology, Western Washington University
Hazardous Materials and Wastes Public Utilities and Energy	Jessica Carson Babcock	5 years of experience. B.A., Environmental Studies, California State University
Hazardous Materials and Wastes	Brian Hausknecht, Registered Environmental Assessor; FAA Private Pilot	25 years of experience. M.S., Environmental Engineering, University of Florida; B.A., Biology, Jacksonville University

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Hazardous Materials and Wastes Public Utilities and Energy	Tom Lagerquist	22 years of experience. B.A., Geography, University of California, Santa Barbara; Graduate Studies, Public Policy and Administration, California State University, Sacramento
Hydrology and Floodplains	Amy Carlson, P.E.	11 years of experience. M.S., Civil and Environmental Engineering, University of Washington; B.S., Civil and Environmental Engineering, University of Michigan
Hydrology and Floodplains	Duane McClelland, P.E., Risk Assessment Methodology for Dams (RAM-D) Certified	13 years of experience. M.S., Civil Engineering, Utah State University; B.S., Civil and Environmental Engineering, Washington State University; B.A., Communication, Washington State University
Hydrology and Water Resources	Pete Sturtevant, P.E.	34 years of experience. M.S., Water Resources Management/Civil Engineering, University of Washington; B.S., Biology, University of California, San Diego; Stormwater Management Modeling, Oregon State University
Noise and Vibration Resource	Lance Meister, E.I.T.	15 years of experience. B.S., Civil Engineering, Temple University, Philadelphia
Noise and Vibration Resource	Timothy Johnson	7 years of experience. B.S., Mechanical Engineering with Acoustics Concentration, University of Hartford
Noise and Vibration Resource	Ruth Ann Mazur	2 years of experience. B.A., Audio Arts and Acoustics, Columbia College
Noise and Vibration Resource	Carl Hanson, P.E.	38 years of experience. Ph.D., Acoustics, Massachusetts Institute of Technology; M.S., Mechanical Engineering Institute of Technology, Cambridge, MA; B.S., Aeronautical Engineering, University of Minnesota
Paleontological Resources	Geoff Spaulding, Ph.D.	27 years of experience. Ph.D., Geological Sciences, University of Arizona; M.S., Geological Sciences, University of Arizona; B.A., Anthropology, University of Arizona
Paleontological Resources	James Verhoff	2 years of experience. B.S., Geology (specialization in Paleobiology), Bowling Green State University
Permitting/Agency Coordination	Marjorie Eisert	20 years of experience. B.S., Wildlife and Fisheries Biology, University of California, Davis

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Public Utilities and Energy	Jeremy Borchardt	3 years of experience. B.S., Civil Engineering, California State University, Fresno.
Public Outreach management (for Final Document)	Kim Christensen	25 years of experience. B.A., Art History, University of California at Los Angeles (UCLA) M.S., Environmental Policy and Planning, California State University Fullerton
Public Outreach management (for Draft Document)	Beverly Mason	10 years of experience. B.S., Civil Engineering, California State University, Sacramento
Public Outreach Lead	Shay Humphrey	4 years of experience. B.A., Political Science and History, University of California, Davis
Public and Stakeholder Communications	Michael Lynch	37 years of experience. B.A., History, Santa Clara University
Parks, Recreation, and Open Space Resource Lead Section 4(f)/Section 6(f) Cumulative Impacts Scoping Report	Lauren Swift, A.I.C.P.	14 years of experience. M.A., Regional Planning, University of North Carolina (concentrations in environmental, land use, and coastal planning); B.A., Environmental Studies, Rollins College
Section 4(f)/Section 6(f)	Michael Hoffman	7 years of experience. M.P.M., Urban/Regional Planning, Portland State University; B.A., English, Binghamton University,
Relocation Report - Right-of-Way/Real Estate Impacts, Mitigations, Displacement/Relocation Report Sr. Reviewer	Mark Gander, A.I.C.P.	23 years of experience. M.A. Urban Planning, University of California, Los Angeles; B.A., Economics and Politics, University of California, Santa Cruz; Graduate studies, economics, New School, NYC
Relocation Report - Right-of-Way/Real Estate Impacts, Mitigations, Displacement/Relocation	Lyna Black, Registered Environmental Assessor	16 years of experience. M.S., Geosciences, California State University, Chico; B.S., Biology (minor in Chemistry), California State University, Chico; A.A., College of the Redwoods
Socioeconomics, Communities, and Environmental Justice Regional Growth	Fatuma Yusuf, Ph.D.	14 years of experience. Ph.D., Agricultural Economics, Washington State University; M.S., Statistics, Washington State University; M.A., Agricultural Economics, Washington State University; B.S., Range Management, University of Nairobi
Public and Agency Involvement, Administrative Record	Julie Petersen	9 years of experience. B.S., Biology, Austin Peay State University, Tennessee

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Caltrans Facilities Impact Assessment Summary	Theresa Wilkinson	20 years of experience. M.A., Latin American Studies Program, San Diego State University; B.S., Urban and Regional Planning, University of Southern California
Caltrans Facilities Impact Assessment Summary	Kirstin Skadberg, Ph.D.	7 years of experience. Ph.D., San Diego State University/B.S., University of California, Davis; B.S., Physiology, Michigan State University
Transportation	James Lightbody, P.E.	39 years of experience. M.S., Civil Engineering, Stanford University; B.S., Civil Engineering, Santa Clara University
Transportation	Aruna Bodduna, P.E.	5 years of experience. M.S., Civil Engineering, University of Missouri
Transportation	Nicole Seow	9 years of experience. Associate, Psychology, Foothill College, CA; M.S., Transportation Engineering, Nanyang Technology University, Singapore; B.S., Civil Engineering, Nanyang Technology University, Singapore
Transportation	Loren Bloomberg, P.E.	20 years of experience. M.E., Civil Engineering, University of California, Berkeley; M.S., Civil Engineering, University of California, Berkeley; B.S., Systems Engineering, University of Virginia
Visual and Aesthetics Resources	Mark Greenig, A.I.C.P.	29 years of experience. M.U.P., Urban Planning, Texas A&M University; B.S., Landscape Architecture, California Polytechnic State University, San Luis Obispo
Visual and Aesthetics Resources	Josh Hohn, A.I.C.P.	9 years of experience. M.C.P., Land Use Planning, Department of City and Regional Planning, University of California, Berkeley; M.A., Information and Communication Studies, California State University, Chico; B.A., Public Administration, California State University, Chico
Visual and Aesthetics Resources	Tom Priestley, Ph.D.	33 years of experience. Ph.D., Environmental Planning, University of California, Berkeley; M.L.A., Environmental Planning, University of California, Berkeley; M.C.P., City Planning, University of California, Berkeley; B.U.P., Urban Planning, University of Illinois
Visual and Aesthetics Resources	Larry Weymouth	32 years of experience. B.S., Liberal Arts, Oregon State University

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Graphics and GIS Coordinator	Fawn Elhadidi	20 years of experience. Certificate of Business Management and Accounting, Sawyer Business College
GIS	Cherie Montague, Certified ESRI Instructor for ArcView 3.2 and ArcGIS 9.x	18 years of experience. B.A., Geography, California State University, Chico
GIS	Karen Mino	16 years of experience. B.A., Geography, Humboldt State University
GIS	Kyle Morgan	14 years of experience. A.A., Computer Science, Shasta College (in progress)
Technical Editing Lead	Jeff Crisafulli	17 years of experience. B.A., English, Virginia Polytechnic Institute and State University
Technical Editing	Connie Cole	20 years of experience. M.A., Literature, Northern Arizona University; B.A., English, University of Houston
Technical Editing	David Dunagan	32 years of experience. M.A. English, University of Florida; Master of Divinity, Emory University; B.A. English, Georgia State University
Technical Editing	Leslie O'Connor	12 years of experience. B.A., English, University of Prince Edward Island; Certificate, Book and Magazine Publishing, Centennial College
Technical Editing	Stephanie Parsons	20 years of experience. B.A., English/Secondary Education, University of Washington
Technical Editing	Mary Pickens	35 years of experience. B.A., English, Western Illinois University